

DME DME Assessment Results for DURST1 path MUNBE_AUDII

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\SIDs_PHASE_3\DURST1 (RNAV) SID\KCLT DURST1 (RNAV) SID DME 19 NOV 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\SIDs_PHASE_3\DURST1 (RNAV) SID\KCLT [IFPA] DURST1 20251120_1125 EST\MUNBE_AUDII\KCLT DURST1 SID MUNBE AUDII 20251120_1125 EST.pdf
Procedure Name:	DURST1
Software: DmeDmePlugin:	7.5.1
Date/Time:	11/20/2025 11:25 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MUNBE	WP	N35° 19' 45.50", W080° 29' 21.60"	6000	VNAV	200	FLY_BY	TF
CAARZ	WP	N35° 25' 47.11", W080° 09' 29.20"	8000	VNAV	200	FLY_BY	TF
KILNS	WP	N35° 31' 56.47", W079° 49' 17.41"	10000	VNAV	200	FLY_BY	TF
DURST	WP	N35° 42' 15.20", W079° 16' 05.58"	11000	VNAV	200	FLY_BY	TF
AUDII	WP	N36° 12' 07.71", W078° 48' 36.26"	11000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KCLT [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for DURST1 path MUNBE_AUDII

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H		NO	Enabled	36.9 %	36.9 %
2	RDU	N35° 52' 21.08", W078° 47' 00.03"	9.0 W	130	H		NO	Enabled	38.2 %	38.3 %
3	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH		NO	Enabled	98 %	98 %
4	LIB	N35° 48' 41.84", W079° 36' 45.33"	3.0 W	40	L		NO	Enabled	89.8 %	89.8 %
5	SBV	N36° 40' 30.14", W079° 00' 52.20"	5.0 W	40	L		NO	Enabled	12.2 %	12.3 %
6	SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	L		NO	Enabled	68.2 %	68.1 %
7	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	15.5 %	15.5 %

DME DME Assessment Results for DURST1 path MUNBE_AUDII

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CLT	CTF	LIB	SDZ		
7.4	CLT	CTF	LIB			
8.4	CLT	CTF	SDZ	LIB		
15.7	SDZ	CTF	LIB			
20.2	SDZ	LIB	CTF	GSO		
44.1	GSO	CTF	SDZ			
45.3	GSO	CTF	LIB	SDZ		
46.0	GSO	CTF	SDZ			
46.8	GSO	CTF	LIB	SDZ		
49.9	RDU	LIB	GSO	CTF	SDZ	
57.6	LIB	CTF	SDZ	RDU		
61.5	SDZ	LIB	CTF			
63.9	SDZ	LIB	CTF	RDU		
64.4	SDZ	LIB	CTF			
69.7	SDZ	LIB	CTF	RDU		
70.1	LIB	CTF				
72.8	LIB	CTF	RDU			
86.7	LIB	SBV	RDU	CTF		
93.0	RDU	CTF	SBV			
99.1						

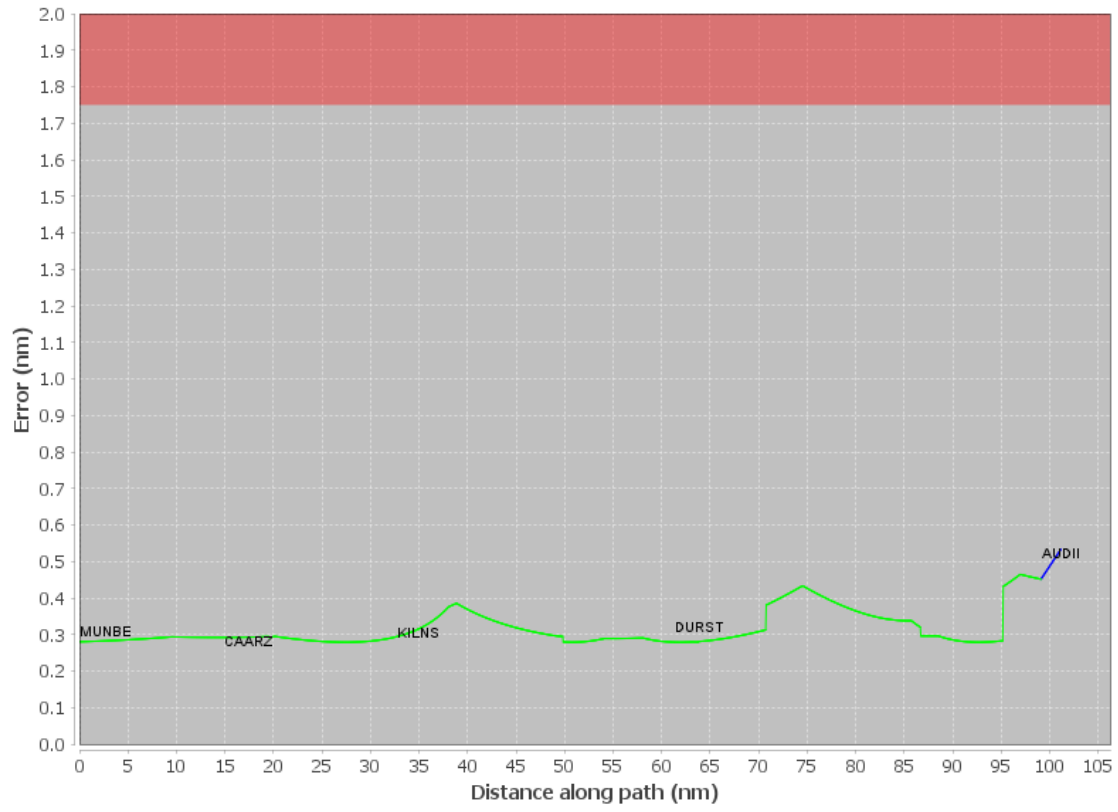
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 10' 31.70", W078° 50' 05.28"	N36° 12' 07.71", W078° 48' 36.26"	1.9988

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MUNBE	CAARZ	CTF, LIB, SDZ, CLT	
CAARZ	KILNS	GSO, LIB, CTF, SDZ	
KILNS	DURST	GSO, RDU, LIB, CTF, SDZ	
DURST	AUDII	RDU, LIB, CTF, SBV, SDZ	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LIB FAA 871832-52 LIB	N35° 48' 41.84", W079° 36' 45.33"	3.0 W	40	827.6	113.0	LIB FAA 871832-52	
ESV:		Bearing [True]: 125.0° to 247.0° Bearing [Mag]: 128.0° to 250.0°				Arc Distance: Out to 61.0 NM Altitude: 3400.0 to 15000.0 ft		
2	SDZ FAA 704009-11 SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	588	111.8	SDZ FAA 704009-11	
ESV:		Bearing [True]: 247.0° to 289.0° Bearing [Mag]: 250.0° to 292.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 15000.0 ft		

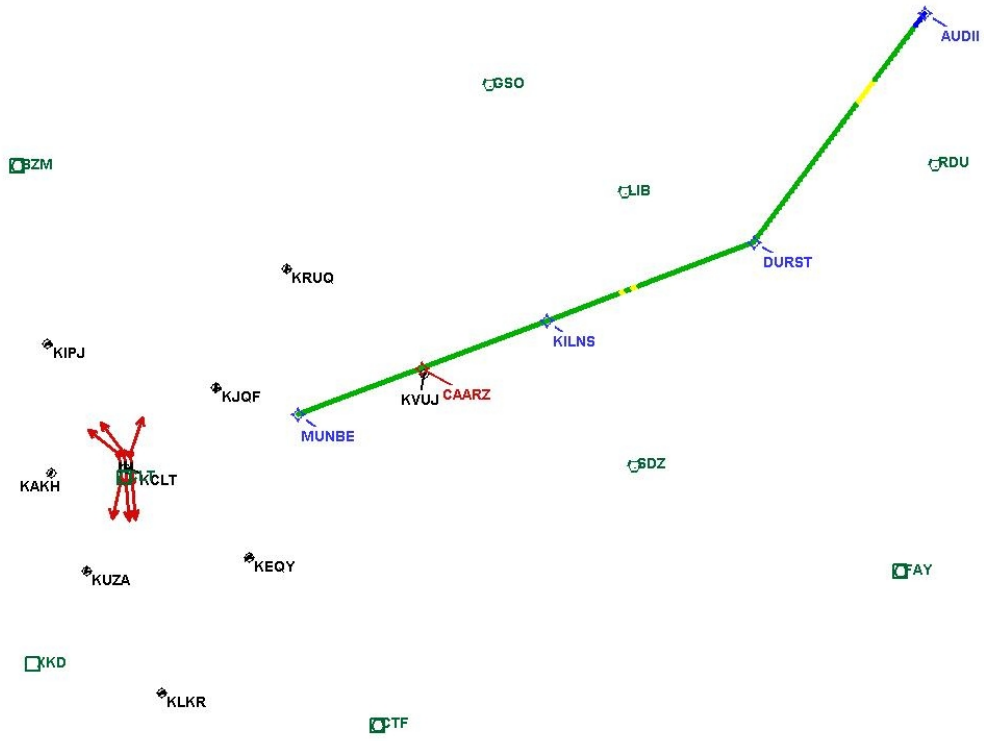
DME DME Assessment Results for DURST1 path MUNBE_AUDII

DME Error



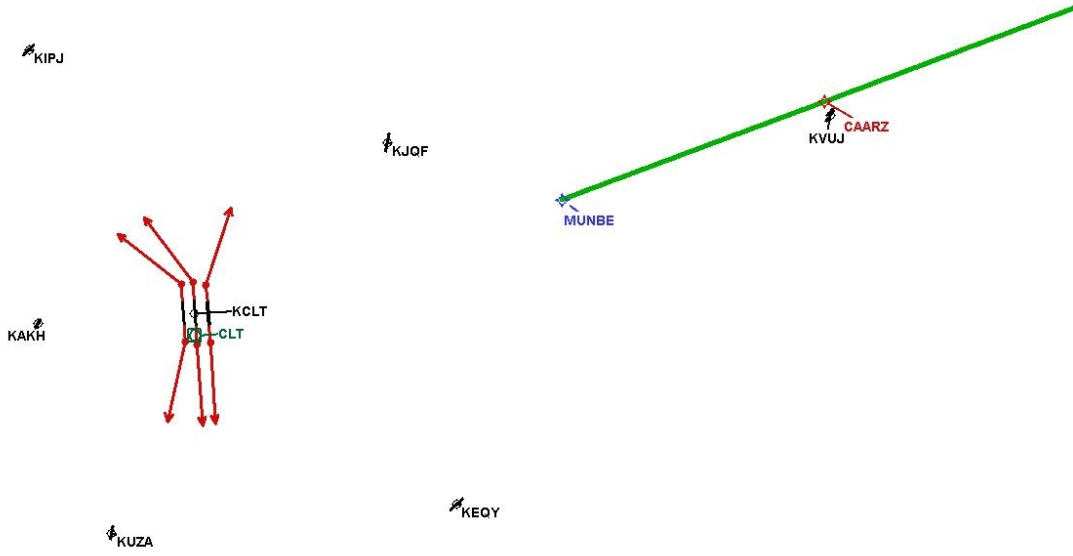
DME DME Assessment Results for DURST1 path MUNBE_AUDII

Graphic Depiction 1



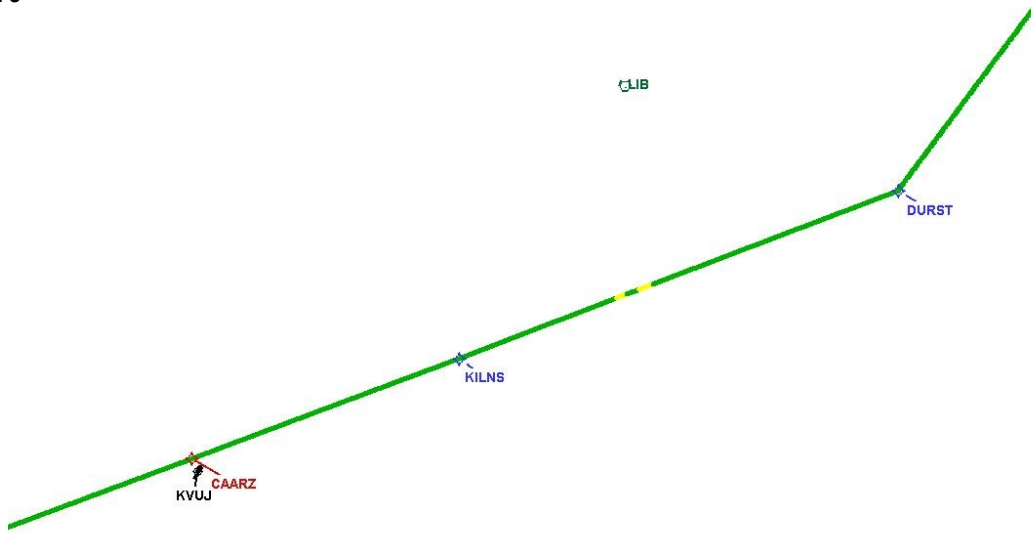
DME DME Assessment Results for DURST1 path MUNBE_AUDII

Graphic Depiction 2



DME DME Assessment Results for DURST1 path MUNBE_AUDII

Graphic Depiction 3



DME DME Assessment Results for DURST1 path MUNBE_AUDII

Graphic Depiction 4

